

ULRYCH, Milos, inz.

"Relay computers" by Antonin Starka. Reviewed by Milos Ulrych.
Sdel tech 10 no.11:440 N '62.

ULRYCH, Milos, inz:

"Yearbook on electric heat 1958-59". Reviewed by Milos Ulrych.
Zvaranie 11 no.1:30 Ja '62.

ULRYCH, Milos, inz.

Use of semiconducting elements in the control circuits of small spot welders. Zvaranie 11 no.2:47-50 F '62.

1. ZEZ-Zavody elektrotepelných zařízení, Praha.

ULRYCH, Milos, inz.

Automatic welding of large tanks with horizontally placed electrodes.
Zvaranie 11 no.2:54 F '62.

ULRYCH, Milos, inz.

"High temperature technology" by I.H. Campbell. Reviewed
by Milos Ulrych. Zvaranie 11 no.5:159 My '62.

ULRYCH, M., inz.

A new gas for flame cutting of metals. Zvyazanie 11 no. 6:185 Je 62.

ULRYCH, Milos, inz.

Trends in the production of resistance welding machines in the United States, German Federal Republic and German Democratic Republic. Zvaranie 11 no.7:205-207 J1 '62.

1. Zavody elektrotepelných zařízení, Praha.

ULRYCH, M., inz.

"Capillary soldering" by A.Slansky and J.Wollmann. Reviewed by
M.Ulrych. Zvaranie 11 no.8:254-255 Ag '62.

S/081/62/000/015/007/038
B168/B101

AUTHORS: Brouček, Oldřich, Ulrych, Miloš

TITLE: Induction device for flow monitoring

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 15, 1962, 146-147, abstract
15Ye12 (Elektrotechnik, v. 16, no. 12, 1961, 242 - 244)

TEXT: The problem of measuring the quantity of flowing gases and liquids is examined. All known and used methods are surveyed and a new measuring principle, based on variation of the inductance of the outer coil through variation in the position of the inner core, is described. [Abstracter's note: Complete translation.]

Card 1/1

ULRYCH, Milos, inz.

Measurement devices with lighting scale. Elektrotechnik 17 no.1:
18-19 Ja '62.

ULRYCH, M., ins.

Frigistor. Elektrotechnik 17 no.2:60 F '62.

ULRYCH, Milos, inz.

Using induction heating in enamel baking. Elektrotechnik 17
no.7:202-203 J1 '62.

UIRYCH, Milos, inz.

High frequency warming of frozen food. Elektrotechnik 17
no.9:266 S '62.

ULRYCH, Milos, inz.

New trends in heating rooms. Elektrotechnik 17 no.10:292
0 '62.

KOSAR, Frantisek, inz.; ULRYCH, Milos, inz.

Economical selection of metallic resistance materials for
making heating elements of electric heating installations.
Elektrotechnik 17 no.12:344-347 D '62.

1. Zavody elektrotepelných zařízení, Praha - Hloubětín.

ULRYCH, M., inz.

"Yearbook of electric heating". Reviewed by M. Ulrych.
El tech obzor 51 no.2:95-96. F '62.

ULRYCH, Milos, inz.

Controlled rectifier CS 100 made by the factory Brown Boveri.
El tech obzor 51 no.3:127-128 Mr '62.

ULINCH, Milos, inz.

Silicon rectifiers made by Brown Boveri & Co. El tech obzor 51 no.4:
193-194 Ap '62.

ULRYCH, Milos, inz.

"High temperature technology" by I.H.Campbell. Reviewed by Milos
Ulrych. El tech obzor 51 no.7:376 JI '62.

ULRYCH, Milos, inz.

"Hall generators and magnetoresistors" by V.N. Bogomolov. Reviewed
by Milos Ulrych. El tech obzor 51 no.12:670 D '62.

HEJL, Zdenek; HOFMAN, Jiri; ULRYCH, Milos; technicka asistence CHRPOVE, V.;
statisticka spoluprace inz. BURIANOVE, B.

Modification of general hemodynamics and of renal water and sodium
excretion in normal and hypertensive subjects following the infusion
of 5 per cent NaCl solution. Cas. lek. cesk. 101 no.34:1028-1032 24,
Ag '62.

1. Ustav pro choroby obehu krevniho v Praze, reditel doc. dr. J. Brod,
DrSc.

(HYPERTENSION)	(BLOOD VOLUME)	(HYPERTONIC SOLUTIONS)
(BLOOD CIRCULATION)	(WATER ELECTROLYTE BALANCE)	
(SODIUM)	(SODIUM CHLORIDE)	

ULRYCH, Milos, inz.

"Photodiodes and phototriodes" by V.I. Turkulec[Turkulets,
V.I.], N.P. Udalov. Reviewed by Milos Ulrych. Automatizace
6 no.7:Suppl: Technicka literatura:Insert JI '63.

ULRYCH, Milos, inz.

Automated transistor production by the Ducati-Mistral Factory.
Automatizace 6 no.8:202 Ag '63.

ULRYCH, Milos, inz.

Automatic dew point measurement. Automatizace 6 no.11:288 N
'63.

ULRYCH, M., inz.

"Handbook on semiconducting diodes and transistors" by P.I.
Ovsishcher [Ovsishcher, P.I.], N.N. Kochkina [Kochkina, N.N.].
Reviewed by M. Ulrych. Sdel tech 11 no.2:80 F '63.

ULRYCH, Milos

Electric furnaces in foundries of machine factories. Slevarenstvi
11 no.6:249-250 Je '63.

ULRYCH, M., inz.

The 12th Congress of the International Institute of Welding in Opatija,
.1959. Zvaranie 12 no.159-20 Ja '63.

ULRYCH, M., inz.

"Automatic welding of thin sheets from high-quality steel" by
Ju. A. Maslov [Maslov, Yu.A.], V.D. Gorozanin [Gorozhanin, V.D.].
Reviewed by M. Ulrych. Zvaranie 12 no.4:116 Ap '63.

ULRYCH, M., inz.

"Shielded arc welding" by V.G. Naumov. Reviewed by M. Ulrych.
Zvaranie 12 no.4:116 Ap '63.

ULRYCH, Milos, inz.

"Automatic and semiautomatic welding" by N.I. Kachovski;
[Kachovski, N.I.], Ju. N. Gotalski [Gotal'skiy, Yu.N.],
A.A. Truscenko [Trushchenko, A.A.]. Reviewed by Milos Ulrych.
Zvaranie 12 no.5:146 My '63.

ULRYCH, Milos, inz.

"Metal welding by high-frequency heating" by N.P. Gluchanov
[Glukhanov, N.P.], N.V. Bogdanov [Bogdanov, V.N.]. Reviewed
by Milos Ulrych. Zvaranie 12 no.5:146 My '63.

ULEYCH, Milos, inz.

From the activities of the Central Special Unit for Electric Heating Technology affiliated with the Central Committee of the Electrical Engineering Section of the Czechoslovak Scientific and Technological Society. Tech praca 15 no.11:924 N'63.

ULRYCH, Milos, inz.

"Research on high temperatures." Reviewed by Milos Ulrych.
Hut listy 18 no.5:380 My '63.

ULRYCH, M., inz.

"Capillary soldering" by A. Slansky, J. Wollmann. Reviewed by
M. Ulrych. Elektrotechnik 18 #.6:187 Jo '63.

ULRYCH, M., inz.

"Metal soldering in industry" by V. Ruza. Reviewed by M. Ulrych.
Elektrotechnik 18 no.6:187 Je '63.

ULRYCH, Milos, inz.

Replacement of metals by plastics in heavy-current engineering constructions. Elektrotechnik 18 no.8:239 Ag '63.

ULRYCH, Milos, inz.

"Semiconductors in heavy-current engineering" by S. Kosler,
M. Kubat and others. Reviewed by Milos Ulrych. Elektrotechnik
18 no.8:242-243 Ag '63.

ULRYCH, Milos, inz.

"Semiconductor elements with negative resistance". Reviewed
by Milos Ulrych. El tech obzor 52 no.1:54-55 Ja '63.

ULRYCH, Milos, inz.

"Use of semiconducting Hall generators in automation" by A.P.
Pinsker. Reviewed by Milos Ulrych. El tech obzor 52 no.4:
217-218 Ap '63.

ULRYCH, Milos, inz.

"English for electrical engineers" by [inz.] M. Havlicek, [inz. dr.]
J. Wanke. Reviewed by Milos Ulrych. El tech obzor 52 no.6:330
Je '63.

ULRYCH, Milos, inz.

"Induction heating, coil and system design" by P.G. Simpson.
Reviewed by Milos Ulrych. El tech obzor 52 no.7:391 JI '63.

ULRYCH, Milos, inz.

Sintered BeO , a new ceramic material with high thermal conductivity. El tech otkor 52 no.12:678-679 D '63.

"Present methods of research on plasma" by V.D.Rusanov. Reviewed by Milos Ulrych. 690-691

ULRYCH, Milos, inz.

Survey of the development made in research laboratories of the
Brown Boveri Corporation in 1961 ~~and~~ 1962. El tech obzor 52 no.
12:Suppl.: Zpravy 52 no.12:Z46-Z47 '63.

ULRYCH, Milos, inz.

Photoelectric resistances in the equipment of industrial automation by M.M.Grinstein. Reviewed by Milos Ulrych. Automatizace 7 no.2: Supplement: Technicka literatura: insert F'64

ULRYCH, Milos, inz.; SIMA, Jiri, inz.; WEISSER, Milan, inz.

Inventions and patents. Automatizace 7 no.5:133-135
My'64.

ULRYCH, Milos inz.

Use of nail generators in the control of machine tools.
Automatizace 7 no.9:247 S '64.

ULRYCH, Miles, Dr.

Melt mixing in induction vacuum furnaces. Material 12 no.2:
86 F'64.

ULRYCH, Milos, inz.

Multipurpose BBC automatic welders. Zvaranie 13 no. 1:
25-26 Ja '64.

ULRYCH, M., inz.

"Electric arc furnaces" by J. Dejl, E. Wunsche. Reviewed by M.
Ulrych. Strojirenstvi 14 no.9:715 S '64.

ULRYCH, Milos, inz.

Broadcast disturbance by electric apparatus. Elektro-
technik 19 no. 3:83 Mr '64.

ULRYCH, Milos, inz.

"Alternating current electromotors made by Ceskomoravska-Kolben-Danek" by [inz.] B. Benda and others. Reviewed by Milos Ulrych. Elektrotechnik 19 no.4:124-125 3p '64.

ULRYCH, Milos, inz.

Channel with a cover from cured elastic PVC for wires in
switchboards. Elektronik 19 no. 7:203-204 J1 '64.

ULRYCH, Milos, inz.

A static switch. Elektrotechnik 19 no.9:264-265 S '64.

ULRYCH, Milos, inz.

"Solar high-temperature furnaces" edited by V. A. Baum.

Reviewed by Milos Ulrych. El tech obzor 53 no. 3: 178-179

Mr '64.

ULRYCH, Milos, inz.

"Principles of heat transfer" by G. Grober, J. Erk,
K. Grigull. Reviewed by Milos Ulrych. El tech obzor 53
no.4:237 Ap '64.

ULRYCH, Milos, inz.

"High frequency, industrial generators for induction heating"
by [dr. inz.] H.Sobotka. Reviewed by Milos Ulrych. El tech
obzor 53 no. 5:292 My '64.

ULRYCH, Milos, inz.

"Zone refining and its technique" by L.N.Pear. Reviewed by
Milos Ulrich. El tech obzor 53 no.7:403-404 J1'64

"Semiconducting elements and their use" edited by Ja.A.
Fedotov [Fedotov, Ya.A.]. Reviewed by Milos Ulrych Ibid.:404

"Basics of induction heating" by Ch. Tadbury. Pts.1-2. Re-
viewed by Milos Ulrych. Ibid.:406

ULRYCH, Milos, inz.

Degussa induction vacuum furnaces. El tech obzor 53 no.10:Suppl.:
Zpravy 53 no.10:238-239 '64.

ULRYCH, Milos, inz.

"Tubular heating elements" by G.R. Mindin. Reviewed by Milos Ulrych. El tech obzor 53 no.12:676-677 D '64.

"Electrothermic equipment with ion exchangers of frequency increase" by A.V. Donskoj [Donskoy, A.V.], C.V. Ivenskiy [Ivenskiy, G.V.]. Reviewed by Milos Ulrych. Ibid.:677

"Electric heating engineering" by Franz Lauster. Reviewed by Milos Ulrych. Ibid.:677-678

ULRYCH, Milos, inz.

Electroluminescent lighting. Elektrotechnik 20 no.2:49 F '65.

Hematology

CZECHOSLOVAKIA

ULRYCH, M.; WIDIMSKY, J.; KASALICKY, J.; Institute for Blood Circulation Diseases (Ustav pro Choroby Obehu Krevniho), Prague.

"Reproducibility of the Determination of Pulmonary Blood Volume by Dilution Dye Methods."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 3, May 66, pp 245-250

Abstract: Reproducibility of the measured minute heart volume, and the pulmonary blood volume was investigated by experiments on 22 anesthetized dogs. It was found that Levinson's method has a reproducibility of about $\pm 10\%$ for both values. The method is relatively simple and the measurements can be repeated at short intervals. 2 Figures, 1 Table, 16 Western references. (Manuscript received 19 Jul 65).

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BROD, J., prof. dr., DrSc.; HEJL, Z.; ULRYCH, M.; JIRKA, J.

Hemodynamics of the vascular bed of muscles in cardiac insufficiency.
Cas. lek. cesk. 104 no.11:281-286 19 Mr'65.

1. Ustav pro choroby obehu krevniho v Praze (reditel: prof. dr. J. Brod, DrSc.).

ULRYCH, V.

The principle of air suction in combustion motors. p.35

PRUMYSL POTRAVIN. (Ministerstvo potravinarskeho prumyslu) Praha

Vol. 6, no. 1, 1955

East European Accessions List

Vol. 5 No. 1

Jan. 1956

ULRYCH, V.

Suction systems in milk tank trucks.

p. 144
Vol. 6, no. 3, 1955
PRUMYSL POTRAVIN
Praha

SO: Monthly List of East European Accessions (EEAL), LC, VOL. 5, no. 3
March 1956

ULRYCH, V.

Milk delivery in tank trucks.

p. 183
Vol. 6, no. 4, 1955
PRUMYSL POTRAVIN
Praha

SO: Monthly List of East European Accessions (EEAL), LC. Vol. 5, no. 3
March 1956

ULRYCH, V.

Milk delivery in tank trucks. p. 257. Vol. 6, no. 5, 1955.
PRUMYSL POTRAVIN. Praha.

Source: East European Accessions List(EAL), LC, Vol. 5, No. 3, March 1956.

CZECHOSLOVAKIA

Lt Col Bohumil TICHACEK MD and Miloslava ULRYCHOVA [affiliation not stated.]

"Paracetic Acid and Possibilities of its Utilization in Desinfection."
Prague, Vojenske Zdravotnicke Listy, Vol 31, No 5, Oct 62; pp 222-227.

Abstract [English summary modified]: Very thorough tests with $C_2H_4O_3$ found excellent antibacterial-antiviral agent at very low concentration for use in aerosol disinfection of closed rooms, drinking water, food especially fruits and vegetables; skin; plastics; stainless steel and non-ferrous metals. Decomposition to H_2O and H_3CCOOH , strong oxidizer; solutions above 40% must be handled by chemists only; manufacture and use urged. Photograph, 5 tables, 2 graphs; 6 Czech and 5 Western references.

1/1

ULRYCHOVA, M.

CZECHOSLOVAKIA

GIZKOVA-PISAROVICOVA, J., MD., Dr. Sci; ULRYCHOVA, M; HUZICKA, L.

1. Children's Clinic LPH KU (Deteka klinika LPH KU);
2. Institute of Experimental Botany CSAV (Ustav experimentální botaniky CSAV); 3. Chair of Sanitation (Katedra zdravotnictví), Brno

Prague, Vnitřní lékařství, No 8, 1963, pp 739-742

"Growth Inhibition in Thyroid Gland Disorders."

ULRYCHOVA, Marie; LIMBERK, Jaroslav

Some metabolic disturbances in tomato plants infected with
potato witches' broom. Biologia plantarum 6 no.4:291-
298 '64.

1. Department of Plant Pathology of the Institute of Experimental
Botany of the Czechoslovak Academy of Sciences, Prague 6,
Na Karlovce 1. Submitted March 21, 1964.

GIZKOVA-PISAROVICOVA, Jirina; ULRYCHOVA, Marie; RUZICKA, Ladislav

Effect of child and adolescent sera on plant growth. Cesk. pediat. 16
no.5:387-391 My '61.

1. Detska klinika lekárske fakulty hygienicke KU, prednosta prof. MUDr.
J. Gizkova-Pisarovicova, Dr. So. Biologicky ustav. fytopatologie CSAV,
prednosta akademik C. Blatný Katedra zdravotnictvi LFH KU, prednosta
prof. MUDr. Fr. Blaha.

(BLOOD) (PLANTS) (GROWTH)

ULRYCHOVA-ZELINKOVA, M.

Cadmium ions as inhibitors of tobaccomosaic virus. In English. p.135.

BIOLOGIA PLANTARUM. (Ceskoslovenska akademie ved. Biologicky ustav) Praha,
Czechoslovakia. Vol. 1, no. 2, 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, no. 12, December 1959
uncla.

ULSHAFFER, PAUL R.,
RUSSELL E. MARKER, J. Am. Chem. Soc. 69, 2242 (1947)

GLUSHKO, V.V., inzh.; UL'SHIN, V.A., inzh.

New means for the automatic control of coal mining machinery
and cutterloaders. Izv. vys. ucheb. zav.; gor. zhur. 6
no.10:19-26 '63. (MIRA 17:2)

1. Luganskiy filial instituta avtomatiki.

UI: SHPERGER, L.

Using basic refractories at the iron and steel plant in Brandenburg. Ogneupory 25 no.4:188-191 '60. (MIRA 13:8)

1. Germanskaya Demokraticheskaya Respublika.
(Brandenburg, East Germany--Blast furnaces)
(Refractory materials)

UL'SHTEYN, I.

The GITS-1M portable television test signal generator. Radio
no.10:26 0 '64. (MIRA 18:2)

UL'SHTEYN, I.

The "Vostok" television receiver. Radio no.8:32-36 Ag '62.
(Television--Receivers and reception)

UL'ST, R. [Ulate, R.] (Riga)

Graptolitic argillites of the Silurian system in the Baltic States.
Vestis Latv ak no.9:121-126 '60. (KEAI 10:9)

1. Akademiya nauk Latvyskoy SSR, Institut geologii i poleznykh
iskopayemykh.

(Graptolites) (Baltic States—Argillites)

UL'ST, R.Zh., ^{Pre}and Geol-Min Sci — (diss) "Devonian deposits ~~in~~ ^{the}
^{Cherson}Baltia." Riga, 1958. 20 pp (Acad Sci LaSSR. Inst of Geology and
~~Mineral Resources~~
~~of the USSR~~), 120 copies (ML,46-58, 139)

ULIST, V. G., Cand of Geog Sci -- (diss) "Morphology and history of the development of marine accumulations in the upper regions of the Bay of Riga." Riga, 1957, 19 pp (Institute of Oceanology, Academy of Sciences USSR. Institute of Geology and Useful Minerals, Academy of Sciences LaSSR), 200 copies (KL, 37-57, 102)

U. S. T. V. G.

Translation from: Referativnyy zhurnal, Geografiya, 1957, Nr 2,
p 34 (USSR) SOV/14-57-12-25572

AUTHOR: Ul'st, V. G.

TITLE: Characteristics of Eolian Stratification (O priznakakh
eolovoy sloistosti -- in Latvian)

PERIODICAL: Izv. AN LatvSSR, 1957, Nr 2, pp 75-88

ABSTRACT: The rudimentary dunes located along the upper edge of
the beach along the shore of the Gulf of Riga form
small hummocks and crescent-like hillocks surrounding
the infrequent psammophyte clusters. They are strati-
fied in concentric mildly sloping and wavy layers.
These layers produce poorly developed wedges pointing
to the base of the dune. The rudimentary dune zone,
several meters wide, borders on the zone of the outer
true dunes, the region's main eolian formations. The
angle of slope on the outer dunes is the same on the

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Characteristics of Eolian Stratification (Cont.)

lee and on the windward side and their stratification is basically similar to that of the rudimentary dunes. In contrast with the latter type, however, the outer dunes show crossbedding of curved wedge-shaped series of layers pointing with their sharp edges either to the top or to the bottom of the dunes. Those wedge-shaped series which point downward are formed when dunes grow in height; those pointing upward correspond to the periods of broadening. Fully developed dunes in their original positions exhibit flat and wavy, slightly curved layers, most of which are convex upward. Intersections of such layers occur more frequently at acute than at obtuse angles. Curving stratification in the migrating bank and mainland dunes along the coast of the Gulf of Riga is characterized by crossbedding of the slant, wedge-shaped forms. Judging by the examples of buried dunes, the height of these formations may be measured in tens of meters. The author does not describe all the existing forms of eolian stratification in dunes, but the forms described by him can be used as a basis for ascertaining eolian origin of deposits. A bibliography of 24 titles is included.

Card 2/2

L. N. Savina

UL'ST, V.G.

Characteristics of the development of aeolian accumulations on the
seashore, *Trudy Okean.kom.* 4:91-100 '59. (MIRA 13:4)

1. Institut geologii AN Latvyskoy SSR.
(Seashore)

UL ST, V. 5.

ULSTS, V.

On method of studying sandy layers at the mouth of the Daugava River. In Russian. p. 99.

LATVIJAS PSR ZINATNĀ AKADEMIJA. VESTIS. RIGA, LATVIA. No. 7, 1959

Monthly List of East European Accessions. (EEAI) LC, Vol. 9, no. 2, Feb. 1960 Uncl.

UL'ST,V. [Ulsts,V.] (Riga)

Some concentrate types of heavy minerals of the Baltic Sea coast in
Latvia. Vestis Latv ak no.10:123-128 '59. (EEAI 9:10)

1. Akademiya nauk Latviyskoy SSR, Institut geologii poleznykh
iskopayemykh.
(Latvia--Minerals)

UL' ST, V. 6.

PHASE I BOOK EXPLOITATION

SOV/5331

International Geological Congress. 21st, Copenhagen, 1960.

Morskaya geologiya (Marine Geology) Moscow, Izd-vo AN SSSR, 1960.
205 p. 2,500 copies printed. (Series: Doklady sovetskikh
geologov, problema 10)

Editorial Board: P. L. Bezrukov, Resp. Ed.; A. V. Zhivago, V. P.
Zenkovich and G. B. Udintsev; Ed. of Publishing House: V. S.
Sheynman; Tech. Ed.: V. Karpov.

PURPOSE: This book is intended for geologists and oceanographers.

COVERAGE: The book contains 18 articles representing the reports
given by Soviet geologists at the 21st. International Geological
Congress. Individual articles deal with the bottom topography,
sedimentation, and tectonics of oceans (Western Pacific and
Southern Indian), as well as the geomorphology and tectonics of
the Black and Caspian Seas and Soviet sectors of the Baltic.
An English résumé accompanies each article. No personalities

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Marine Geology

SOV/5331

Ul'st, V. G. Major Morphodynamic Features of the Soviet Coasts
on the Baltic Sea

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AVAILABLE: Library of Congress

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2/2

JA/dwm/ec
7-29-61

UL'ST, V.[Ulsts, V.]; BERZIN', L.[Berzins, L.]

Traces of frost deformation in the Tetele Triassic sands of the Jelgava region. Vestis Latv ak no.6:93-97 '61.

1. Akademiya nauk Latvyskoy SSR, Institut geologii.

(Jelgava region—Sand)

UL'ST, V. G.,

"Processes of heavy minerals concentration in the recent near-shore sea sediments"

Report to be submitted for the 13th General Assembly, Intl. Union of Geodesy and Geophysics (IUGG), Berkeley Calif., 19-31 Aug 63

SOFIYENKO. B.. CHERNITSKIY, I.; SMIRNOV, P.; CHERNIKOV, K. (Suvorov, Tul'skaya .
obl.); UL'T., V.

Readers' letters. Pozh.delo 9 no.2:31 F '63.

(MIRA 16:3)

1. Nachal'nik pozharnoy družiny kolkhoza "Zavety Il'icha", Slavyanskiy rayon, Primorskiy kray (for Sofiyenko), 2. Zamestitel' direktora Kustanayskoy perevalochnoy bazy khleboproduktov (for Smirnov).
(Fire prevention)

CZECHOSLOVAKIA/Electronics - Electron Microscopy

H-4

Abs Jour : Ref Zhur - Fizika, No 5, 1959, No 11059

Author : Ultert Karl
Inst : Chemical Institute, Czechoslovak Academy of Sciences, Prague
Czechoslovakia
Title : Table Top Instrument for Preparation of Electron-Microscopic
Objects

Orig Pub : Slaboprudy obzor, 1958, 19, No 6, 381-384

Abstract : Brief description of the physical principles of a method of depositing thin films by evaporation in vacuum, along with a survey of the devices used for this purposes and the requirements that they must satisfy. A small instrument is described for coating the films by evaporation in vacuum, the instrument being intended for preparation of electron-microscopic objects. The instrument makes it possible to change rapidly in the vacuum the compounds and evaporators and is provided with a valve photocell (to measure the thickness of the

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*S/198/61/007/003/013/013
D264/D303

AUTHOR: Ultiko, A.T.

TITLE: The coordinating conference on questions of the spatial theory of elasticity and plasticity 14

PERIODICAL: Prykladna mekhanika, v. 7, no. 3, 1961, 345 - 346

TEXT: The Coordinating Conference on Questions of the Spatial Theory of Elasticity and Plasticity called by the Institute of Mechanics of the AS UkrSSR was held in Kyiv, November 18-19, 1960. More than 50 scientific personnel from various parts of Ukraine took part. In his opening speech, the Director of the Institute of Mechanics, Academician AS UkrSSR, A.D. Kovalenko, outlined the nature of the research in this field and spoke of its bearing on current technology. The speeches on the first day were of a general informative nature. A.D. Kovalenko spoke on the work done during the last year by the Institute of Mechanics of the AS UkrSSR, including the study of analytical and numerical methods of solving spatial problems in the theo- ✓

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The coordinating conference ...

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ry of elasticity. He spoke of the Institute's plane for investigating methods for tackling thickwalled elements of turbomachines, making use of electronic computers. Professor H.M. Polozhiy (Taras Shevchenko State University of Kyiv) spoke of the use of general analytic functions for solving spatial problems of the theory of elasticity. Doctor of Technical Sciences, L.I. Dyatlovyts'kyy (Institute of Hydrology and Hydraulics of the AS UkrSSR) spoke on reducing the spatial problem to a series of plane problems and the subsequent solution by means of an electro-integrator; Professor M.Ya. Leonov and research-student Yu.M. Shvayk (Institute of Mechanical Engineering and Automation of the AS UkrSSR) spoke on dislocations under elastic-plastic torsion. Professor M.I. Rozovs'kyy (Mining Institute of Dnipropetrovs'k) spoke on loss of plasticity. Docent P.M. Kychayev (Machine-Building Institute of Zaporizhzhya) spoke on the axisymmetric deformation of a solid of revolution. Docent V.O. Likhachiv (State University of L'viv) spoke of the summation of laminae into cylinders of finite thickness. Doctor of Physical and Mathematical Sciences V.L. Rvachov and Docent I.I. Bilyk (Berdvans'k Institute of Pedagogy) spoke on the investigations of contact prob-

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The coordinating conference ...

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lems which had significance for basic construction. The second day of the conference was devoted to specific results of investigations in the field of the spatial theory of elasticity. Yu.M. Shevchenko, I.S. Bobyr' and M.I. Synyavs'kyy (State University of Kyiv) spoke of the results of investigating the stressed state of a solid of revolution with the help of an electro-integrator. Aspirant A.T. Ulitko (Institute of Mechanics of the AS UkrSSR) spoke of the method of solving such problems depending on the structure of the vector functions of the boundary-value problem, H.A. Tabiyev (Institute of Mechanics of the AS UkrSSR) spoke on the use of the method of planes for solving axisymmetric problems. A.A. Skorobahat'ko spoke on determining maxima and minima under maximum tangential stress, O. O. Kapshyvyi (State University of Kyiv) spoke on the solution of the boundary problem for a finite cylinder. A.F. Rakov (Berdians'k Institute of Pedagogy) spoke on solving contact problems in the case of several stressed beams under the action of periodic tensions. V.I. Pustinkov (Kharkiv Institute of Civil Engineering) spoke on the formulation of the boundary conditions on beams in contact

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with rigid plates and on a cylindrical type clamped in a press. The Conference observed that attention must be paid to establishing effective methods of dealing with boundary-value problems of the spatial theory of elasticity and plasticity, using electronic computers, and also to investigating the fields of dynamic problems of the theory of elasticity, thermal stress, and to experimental methods of investigating spatial problems.

Card 4/4

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KUZ'KIN, M.G., red.; SAMRINA, A.A., tekhn.red.

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dolgozhiteli Khakassii. Abakan, Khakasskoe knizhnoe izd-vo,
1960. 70 p. (MIRA 14:2)
(Khakass Autonomous Province--Longevity)

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Soil stabilization works in the course of execution on the northeast coast near Constanta. p. 16.

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New technology in constructing a slipway for high capacity ships. Rev transport 9 no. 2: 49-51 F '62.

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denitrification of a synthetic NO - containing medium can be carried out
by cultures of *Achromobacter* and *Pseudomonas* in presence of bitumen, kerosene,
and paraffin. The bacteria form a layer on the surface of the hydrocarbon, and
there is no production of alkalinity. The growth of the cultures is accelerated by ~~repea~~
repeated passage in media containing hydrocarbons.

Moscow State Univ.